

Sun never sets on 50th Space Wing

50th Network Operations Group/50th Operations Group Detachments and Geographically-Separated Units Operate 24/7 Worldwide



22 SOPS

Located at Schriever Air Force Base, Colorado, 22nd Space Operations Squadron is responsible for network-wide operations and planning of the AFSCN to include development, publication and execution of the Network Tasking Order. The squadron serves as the single point of contact for users requiring AFSCN support.



CCAFS



CAPE
2nd SOPS OL-CC
Cape Canaveral AFS, Fla.

ASCENSION ISLAND



23 SOPS

The 23rd Space Operations Squadron is located at New Boston Air Force Station, New Hampshire. The squadron is one of eight AFSCN Remote Tracking Stations providing United States Strategic Command with critical satellite command and control

capability to more than 150 DOD, national and civilian satellites performing intelligence, weather, navigation, early warning and communications operations. The squadron commands the Thule and Oakhanger tracking stations as well as the Eastern Vehicle Checkout Facility.

21 SOPS

The 21st Space Operations Squadron is located at Vandenberg Air Force Base, California. 21 SOPS protects, monitors, conducts and enables satellite and launch operations in support of national objectives. The squadron operates one of two nodes in the Air Force Satellite Control

Network, plans and conducts specialized communications for a wide spectrum of Department of Defense intelligence, allied and civil space systems. Additionally, 21 SOPS maintains a backup AFSCN Scheduling Network Operations Center which is used by 22nd Space Operations Squadron in the event the system at Schriever Air Force Base, Colorado, is unavailable.



KWAJALEIN ISLAND



HULA
Waianae, Hawaii



COOK
Vandenberg AFB, Calif.



POGO
Thule AFB, Greenland



LION
OL-AE Oakhanger, UK



GUAM
Andersen AFB, Guam



REEF
British Indian Ocean Territory

COOK

21st Space Operations Squadron/DOO is located at Vandenberg Air Force Base, California, 180 miles north of Los Angeles and 10 miles south of Santa Maria. Known as "The Big Sky Ranch," the facility is located 950 feet above sea level, overlooking the expansive range of launch complexes on Vandenberg. The Vandenberg Tracking Station provides AFSCN remote tracking and Western Range launch infrastructure augmentation.

REEF

Detachment 1, 21st Space Operations Squadron, is the Diego Garcia Tracking Station, located on the island of Diego Garcia in the British Indian Ocean Territory. The mission of Detachment 1 is to execute on-demand, real-time command and control operations for launch and operation of 175 DoD, national, allied, and civilian satellites, providing warfighting commanders combat power from space through control of early-warning, communication, weather, intelligence, and navigation missions.

GUAM

Detachment 2, 21st Space Operations Squadron, formerly known as Detachment 5, 22 SOPS, is located approximately seven miles from Andersen Air Force Base, Guam. The island is approximately 30 miles long and from four to 12 miles wide. Guam Tracking Station has two antennas providing telemetry, tracking and commanding for on-orbit support to low-earth-orbiting and geosynchronous satellites over the western Pacific Ocean.

HULA

Detachment 3, 21st Space Operations Squadron, formerly known as Detachment 4, 22 SOPS, is located at Kaena Point, Waianae, Hawaii. The tracking station was constructed in 1959 on the western tip of Oahu to support the nation's first reconnaissance satellites, the Corona program.

POGO

Det. 1, 23rd Spaces Operations Squadron, formerly known as Det 3, 22 SOPS, is located at Thule Air Base, Greenland. POGO has the most antennae of any tracking station in the AFSCN and is also at the highest latitude — 695 miles above the Arctic Circle and 947 miles south of the North Pole. Because of its location, Thule AB is in constant darkness from November until February and in constant daylight from May to August. High temperatures average 20 to 40 below zero in winter and 30 to 45 degrees in summer.

LION

Operating Location A, 23 SOPS, formerly known as Operating Location AE, 22 SOPS, is located at Royal Air Force Oakhanger, United Kingdom. LION has been jointly operated and maintained by the United States and the United Kingdom via an international agreement since 1978.

Eastern Vehicle Checkout Facility

EVCF is located at Cape Canaveral Air Force Station, Florida and is commanded by 23 SOPS. The facility conducts pre-launch AFSCN compatibility testing of satellites and boosters and launch support.